

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**PATENT APPLICATION**

Title: HIGH-SPEED/LOW POWER FINITE IMPULSE RESPONSE FILTER

Inventors: Patrik Larsson, Christopher J. Nicol

Assignee: Agere Systems, Inc.

ASSISTANT COMMISSIONER FOR PATENTS

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

Enclosed are the following papers for the divisional application. This divisional application is restricted and divided from the pending application Ser. No. 09/526,836.

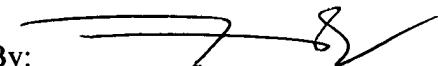
1. Specification 12 pages and 5 claims; 6 sheets of 6 figures;
2. Declaration and Power of Attorney;
3. Agreement Regarding Power of Attorney to Agere Systems, Inc.;
4. Assignment of application Ser. No. 09/526,836 to Lucent Technologies, Inc.;
5. Assignment to Agere Systems Guardian Corp., and Merger of Agere Systems Guardian Corp. into Agere Systems, Inc.; and
6. Statement under 37 C.F.R. § 3.73(b).

Please file the application. Fee Calculation is as follows.

<b>CLAIMS AS FILED</b>				
	NO. FILED	NO. EXTRA	RATE	CALCULATIONS
Total Claims	5 - 20	0	x \$18	\$0
Independent Claims	1 - 3	0	x \$86	\$0
Multiple Dependent Claims, if applicable			\$270	\$0
Basic filing fee			\$770	\$770
Total Filing Fee				\$770

A check for \$810 including the filing fee and a fee of \$40 for recordation of assignment is enclosed. Duplicate copies of this letter are enclosed. Please address all correspondence to Customer No. 24490. Telephone calls should be made to (650) 248-7011; facsimile messages are to be sent to (270) 912-2217; and E-mail messages are to be sent to [naren@chaganti.com](mailto:naren@chaganti.com).

Respectfully submitted,

By:   
 Naren Chaganti, Esquire (44,602)  
 432 S. Curson Ave, Ste. 12 H  
 Los Angeles, CA 90036  
[naren@chaganti.com](mailto:naren@chaganti.com) E-mail  
 (650) 248-7011 phone  
 Attorney for Applicants